

Overview of how we implemented Standard Setting

In 10 Minutes or Less!

What did we do?

- We used the Contrasting Groups method for all 9 content areas
 - Why?
 - Supported in literature
 - Fit our BOE system
 - Explicitly connects performance standards to cut scores
 - Simple
 - Doable
 - Honors the judgment of teachers
 - Relatively quick
 - Can be re-done without great pain

How did we do it?

- Collected teacher judgments on all kids whether they were advanced or proficient or basic in each content area
- Collected average scores from BOE Common Assessments for those same students.
- We ended up with a spreadsheet, actually 9 spreadsheets, with 3 columns – kids name, teacher judgment, and average score.

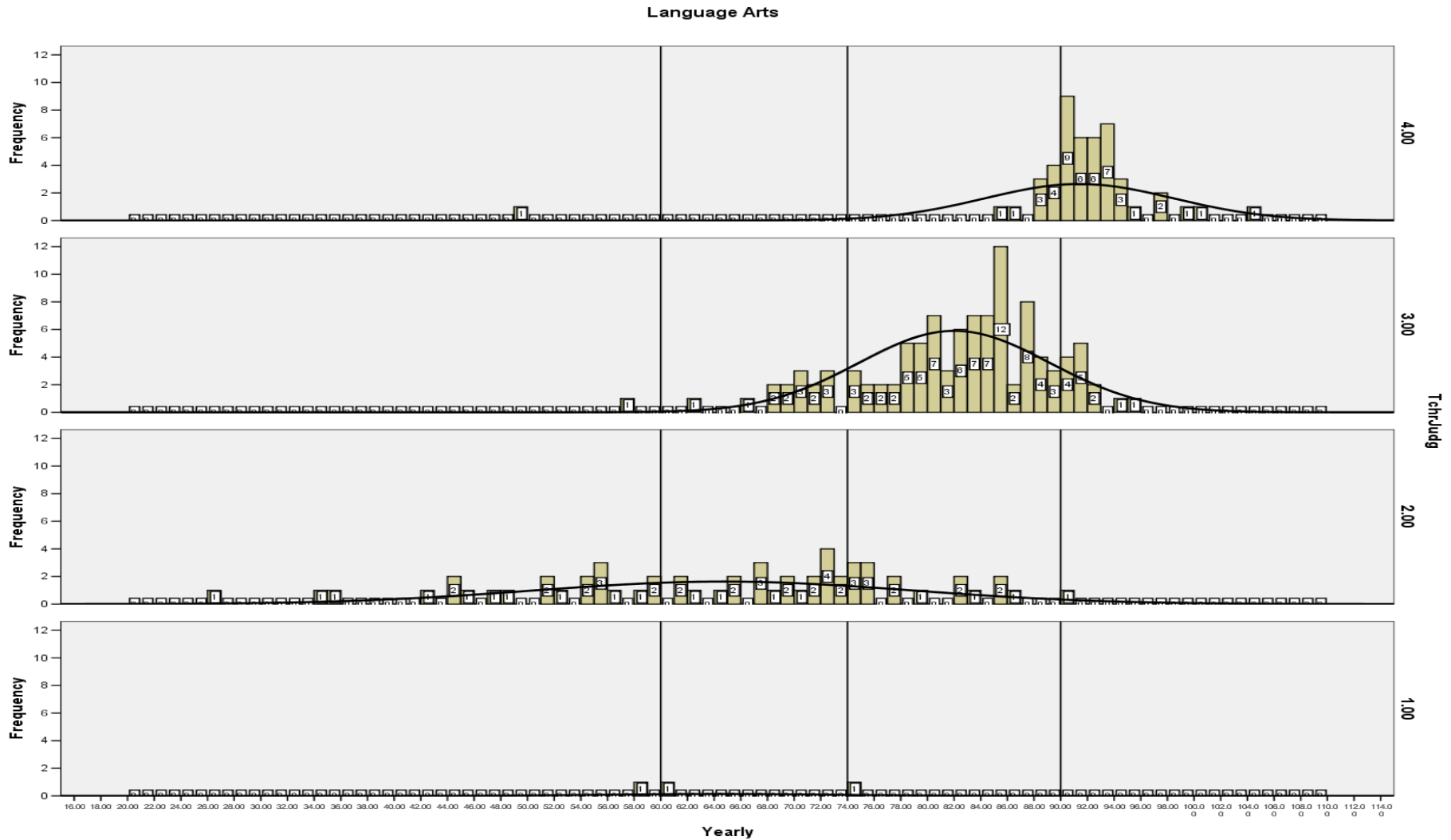
Sample Spreadsheet

Students	Teacher Judgment	Average Semester Percentage
Student A	4	99.5%
Student B	3	87.2%
Student C	2	73.4%
Student D	1	59.1%

Next, we...

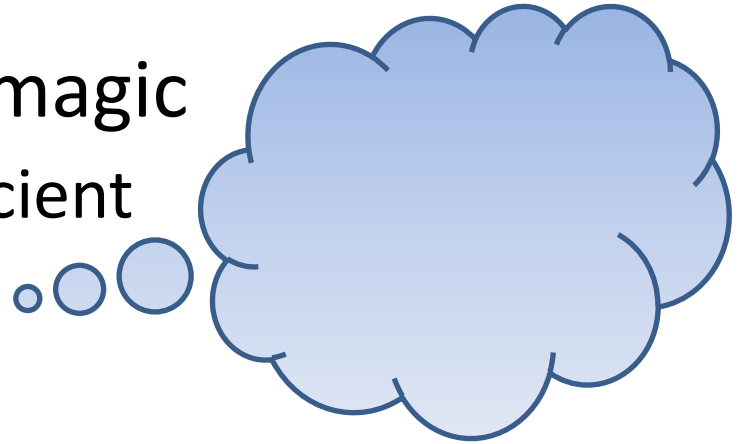
- Built some graphs, one graph for each content area for each performance level, so we ended up with 36 graphs.
- We stacked the 4 graphs for each content area so the vertical axis were aligned.
- This allowed us to visually determine the best fit for tentative cutscores

Sample Graph



Lastly, we.....

- did a bunch of statistical magic
 - Pearson correlation coefficient
 - Cross tab analysis
 - Linear regression
- to validate what the graphical approach told us
- and came up with proposed cut scores.
- Those scores were proposed to the school board, debated and eventually approved.



Summary

What Worked

- Most everything
- Obtained reasonable cut scores
- Efficient with time
- No controversial issues

Do differently

- More training for teachers in understanding performance standards
- Higher quality assessments

Thanks!

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